

Olivier Niyonkuru Olivier

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■ github.com/Niyonkuru-olivier | ■ portfolio-seven-tan-85.vercel.app

Career Objective

Motivated Software Engineering student passionate about building innovative digital solutions that drive Rwanda's technological growth and empower local communities. Committed to designing impactful systems, leading collaborative projects, and contributing to national digital transformation initiatives across public and private sectors.

Education

University of Rwanda – College of Science and Technology

Bachelor of Science in Computer and Software Engineering (Final Year – Year 4)

Expected Graduation: June 2026

Key Activities & Societies:

- Active Member, Software Engineering Students Association
- Participated in hackathons, coding bootcamps, and ICT outreach programs
- Collaborated on team projects for web and mobile application development

Technical Skills

Programming: JavaScript, TypeScript, Python, Java, C

Frameworks & Libraries: React.js, Next.js, Node.js, Express.js

Databases: MySQL, PostgreSQL, MongoDB

Tools & Technologies: Git, GitHub, Tailwind CSS, Figma, REST APIs, JSON

Other: Data analysis (R), Software testing, System design

Projects

■ Portfolio Projects – portfolio-seven-tan-85.vercel.app

- Developed multiple full-stack applications demonstrating strong frontend-backend integration.
- Designed system architecture, database schemas, and intuitive UI/UX interfaces.
- Focused on performance optimization and responsive design for enhanced user experience.

■ StoreMIS System – Ministry of Infrastructure (MININFRA)

- Built a stock and inventory management system for tracking warehouse operations.
- Implemented real-time updates, automated reporting, and tracking modules.
- Improved inventory accuracy and reduced logistical inefficiencies.

■ Kwubaka Platform – Government of Rwanda

- Contributed to the development of an online platform for land and construction permits.
- Implemented secure, scalable backend services and robust data validation.
- Streamlined permit management processes for government and citizen users.

Professional Experience

Software Engineer Intern – Ministry of Infrastructure (MININFRA) (February 2025 – August 2025)

- Developed and maintained critical government digital systems (StoreMIS, Kwubaka Platform).
- Collaborated with cross-functional teams to meet quality and delivery targets.
- Participated in testing, debugging, and technical documentation.

IT Intern – Nyereka Tech (July 2023 – March 2024)

- Supported IT infrastructure, software deployment, and troubleshooting.
- Assisted in developing internal digital tools and providing user training.
- Gained hands-on experience in real-world IT operations and support environments.

Achievements & Highlights

- Contributed to national digital transformation initiatives through government projects.
- Developed a robust portfolio showcasing full-stack development and system design expertise.
- Recognized for teamwork, innovation, and problem-solving across academic and professional projects.

Referees

- Longi Dusengeyezu – Software Engineer, MININFRA – +250 787 344 599
- Evergiste Niyonsaba – System Administration Specialist, MININFRA – +250 788 547 600
- James Habufite – Network Specialist, MININFRA – +250 788 232 061
- Daniel Kamanzi – Database Administrator, MININFRA – +250 788 456 002
- Romalice Ishimwe – Chief Digital Officer (CDO), MININFRA – +250 787 362 318
- Celestin Safari – Logistic Officer, MININFRA – +250 788 582 198